

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP 03/08258

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C08F10/06 C08L23/12 C08F297/08 C08F2/34 C08J5/18

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C08F C08L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 918 068 A (CHISSO CORP) 26 May 1999 (1999-05-26) cited in the application page 5, column 21 -page 10, column 48; claims; tables	1-4, 9-12
X	EP 0 704 463 A (MITSUI PETROCHEMICAL IND) 3 April 1996 (1996-04-03) page 2, line 48 page 16, line 1 -page 22, line 29; claims 1, 9	1-4, 6-12
X	EP 0 433 990 A (HOECHST AG) 26 June 1991 (1991-06-26) claims	1-4, 6-12
	-/-	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

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PCT/EP 03/08258

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 734 459 A (CECCHIN GIULIANO ET AL) 29 March 1988 (1988-03-29) cited in the application claims 1,3,5; table 2 ----	1-4,6-12
A	EP 0 792 914 A (MITSUI PETROCHEMICAL IND) 3 September 1997 (1997-09-03) page 5, line 31 - line 34 page 6, line 30 -page 9, line 48; claims ----	1-9 10-12
X	EP 0 889 064 A (BASF AG) 7 January 1999 (1999-01-07) column 12, line 37; claim 10 ----	1-4,9-12
X	EP 1 211 289 A (BOREALIS GMBH) 5 June 2002 (2002-06-05) page 3, line 16 -page 4, line 27; claims ----	1,7,8
A	EP 0 603 723 A (HIMONT INC) 29 June 1994 (1994-06-29) cited in the application page 3, line 19 - line 26; claims; table 4 ----	1-12
A	WO 96 11218 A (MONTPELL TECHNOLOGY COMPANY BV) 18 April 1996 (1996-04-18) page 11 -page 17; claims ----	1-12
L	EP 1 110 976 A (BASELL POLYPROPYLEN GMBH) 27 June 2001 (2001-06-27) the whole document -----	1

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/08258

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0918068	A	26-05-1999	AU 3783597 A	06-03-1998
			EP 0918068 A1	26-05-1999
			US 2001053831 A1	20-12-2001
			CN 1227582 A	01-09-1999
			WO 9806781 A1	19-02-1998
			KR 2000029909 A	25-05-2000
			TW 452586 B	01-09-2001
EP 0704463	A	03-04-1996	CA 2157399 A1	12-10-1995
			DE 69511023 D1	02-09-1999
			DE 69511023 T2	27-01-2000
			EP 0704463 A1	03-04-1996
			US 5753769 A	19-05-1998
			CN 1130915 A ,B	11-09-1996
			DE 69518094 D1	24-08-2000
			DE 69518094 T2	22-03-2001
			EP 0816395 A2	07-01-1998
			WO 9527741 A1	19-10-1995
			US 5969049 A	19-10-1999
EP 0433990	A	26-06-1991	DE 3942364 A1	27-06-1991
			AU 647433 B2	24-03-1994
			AU 6830190 A	27-06-1991
			CA 2032803 A1	22-06-1991
			DE 59008936 D1	24-05-1995
			EP 0433990 A2	26-06-1991
			ES 2072361 T3	16-07-1995
			JP 3124558 B2	15-01-2001
			JP 6206921 A	26-07-1994
			US 5280074 A	18-01-1994
			ZA 9010266 A	30-10-1991
US 4734459	A	29-03-1988	IT 1206128 B	14-04-1989
			AT 46353 T	15-09-1989
			AU 582175 B2	16-03-1989
			AU 4555885 A	06-02-1986
			CA 1276350 C	13-11-1990
			DE 3572989 D1	19-10-1989
			EP 0170255 A1	05-02-1986
			ES 8700294 A1	01-01-1987
			JP 7042366 B	10-05-1995
			JP 61042553 A	01-03-1986
			NO 852996 A ,B,	31-01-1986
EP 0792914	A	03-09-1997	CA 2205205 A1	20-03-1997
			DE 69622986 D1	19-09-2002
			DE 69622986 T2	30-04-2003
			EP 0792914 A1	03-09-1997
			KR 247363 B1	15-03-2000
			US 5910539 A	08-06-1999
			CN 1302827 A	11-07-2001
			CN 1165532 A ,B	19-11-1997
			WO 9710299 A1	20-03-1997
EP 0889064	A	07-01-1999	KR 252536 B1	15-04-2000
			DE 19728141 A1	07-01-1999
			EP 0889064 A2	07-01-1999
			JP 11071415 A	16-03-1999

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/08258

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0889064	A		US 6174969 B1	16-01-2001
EP 1211289	A	05-06-2002	EP 1211289 A1	05-06-2002
			AU 2368502 A	11-06-2002
			WO 0244272 A1	06-06-2002
			EP 1358266 A1	05-11-2003
EP 0603723	A	29-06-1994	IT 1256663 B	12-12-1995
			AT 140947 T	15-08-1996
			AU 667410 B2	21-03-1996
			AU 5236493 A	30-06-1994
			DE 69303881 D1	05-09-1996
			DE 69303881 T2	16-01-1997
			EP 0603723 A1	29-06-1994
			ES 2090829 T3	16-10-1996
			JP 7003087 A	06-01-1995
			MX 9307889 A1	29-07-1994
			US 5541260 A	30-07-1996
WO 9611218	A	18-04-1996	IT 1270125 B	28-04-1997
			AT 200499 T	15-04-2001
			AU 694276 B2	16-07-1998
			AU 3803395 A	02-05-1996
			BG 100674 A	31-03-1997
			BR 9506402 A	09-09-1997
			CA 2178077 A1	18-04-1996
			CN 1139934 A , B	08-01-1997
			CZ 9601994 A3	11-12-1996
			DE 69520662 D1	17-05-2001
			DE 69520662 T2	18-10-2001
			DK 742801 T3	21-05-2001
			WO 9611218 A1	18-04-1996
			EP 0742801 A1	20-11-1996
			ES 2156948 T3	01-08-2001
			FI 962329 A	04-06-1996
			GR 3035745 T3	31-07-2001
			HU 75175 A2	28-04-1997
			IL 115515 A	26-07-2000
			JP 9506391 T	24-06-1997
			NO 962298 A	04-06-1996
			PL 314853 A1	30-09-1996
			PT 742801 T	30-08-2001
			RU 2171265 C2	27-07-2001
			SK 87296 A3	09-04-1997
			TR 960285 A2	21-06-1996
			US 5648422 A	15-07-1997
			US 6028140 A	22-02-2000
			ZA 9508316 A	26-04-1996
EP 1110976	A	27-06-2001	DE 19962130 A1	05-07-2001
			AU 1863201 A	03-07-2001
			BR 0016590 A	10-09-2002
			CA 2395218 A1	28-06-2001
			CN 1423664 T	11-06-2003
			WO 0146274 A1	28-06-2001
			EP 1110976 A1	27-06-2001
			EP 1252202 A1	30-10-2002
			JP 2001247729 A	11-09-2001

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/08258

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 1110976	A	US 2003130443 A1	10-07-2003
		US 2001004662 A1	21-06-2001
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